ENGLISH

T 517

DVD / CD / MP Player

Owner's Manual

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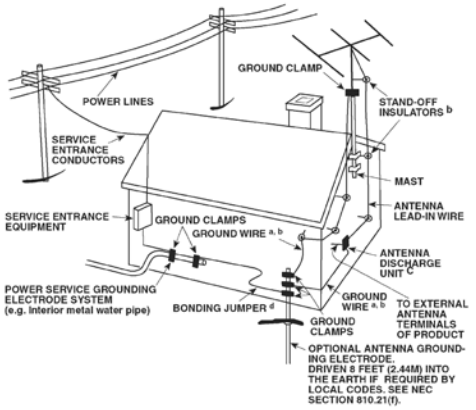
IMPORTANT SAFETY INSTRUCTIONS

ENGLISH

SAVE THESE INSTRUCTIONS FOR LATER USE.
FOLLOW ALL WARNINGS AND INSTRUCTIONS MARKED ON THE AUDIO EQUIPMENT.

1 **Read instructions** - All the safety and operating instructions should be read before the product is operated.
2 **Retain instructions** - The safety and operating instructions should be retained for future reference.
3 **Heed Warnings** - All warnings on the product and in the operating instructions should be adhered to.
4 **Follow Instructions** - All operating and use instructions should be followed.
5 **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6 **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7 **Water and Moisture** - Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8 **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9 A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10 **Ventilation** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
11 **Power Sources** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
The primary method of isolating the amplifier from the mains supply is to disconnect the mains plug. Ensure that the mains plug remains accessible at all times. Unplug the AC power cord from the AC outlet if the unit will not be used for several months or more.
12 **Grounding or Polarization** - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13 **Power** - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
14 **Outdoor Antenna Grounding** - If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

NOTE TO CATV SYSTEM INSTALLER
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.


GROUND CLAMP
POWER LINES
STAND-OFF INSULATORS b
SERVICE ENTRANCE CONDUCTORS
MAST
ANTENNA LEAD-IN WIRE
SERVICE ENTRANCE EQUIPMENT
GROUND CLAMPS
GROUND WIRE a, b
ANTENNA DISCHARGE UNIT c
POWER SERVICE GROUNDING ELECTRODE SYSTEM (e.g. interior metal water pipe)
BONDING JUMPER d
GROUND WIRE a, b
TO EXTERNAL ANTENNA TERMINALS OF PRODUCT
GROUND CLAMPS
OPTIONAL ANTENNA GROUNDING ELECTRODE. DRIVEN 8 FEET (2.44M) INTO THE EARTH IF REQUIRED BY LOCAL CODES. SEE NEC SECTION 810.21(f).

15 **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
16 **Power Lines** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
17 **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
18 **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

WARNING: THE APPARATUS SHOULD NOT BE EXPOSED TO DRIPPING OR SPLASHING, AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THE APPARATUS. AS WITH ANY ELECTRONIC PRODUCTS, USE CARE NOT TO SPILL LIQUIDS INTO ANY PART OF THE SYSTEM. LIQUIDS CAN CAUSE A FAILURE AND/OR A FIRE HAZARD.

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19 **Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
   - **a)** When the power-supply cord or plug is damaged.
   - **b)** If liquid has been spilled, or objects have fallen into the product.
   - **c)** If the product has been exposed to rain or water.
   - **d)** If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
   - **e)** If the product has been dropped or damaged in any way.
   - **f)** when the product exhibits a distinct change in performance-this indicates a need for service.

20 **Replacement Parts** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

21 **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

22 **Wall or Ceiling Mounting** - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

23 **Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

CAUTION

The T 517 employs a Laser System. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location. Use of controls, adjustments or the performance of procedures other than those specified may result in exposure to laser radiation. To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when the enclosure is opened.

DO NOT STARE INTO BEAM.

FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING

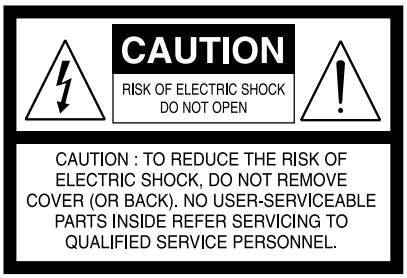
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

INDUSTRY CANADA REQUIREMENT

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSUALATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAYBE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION

Changes or modifications to this equipment not expressly approved by NAD Electronics for compliance could void the user's authority to operate this equipment.

CAUTION REGARDING PLACEMENT

To maintain proper ventilation, be sure to leave a space around the unit (from the largest outer dimensions including projections) that is equal to or greater than shown below.

Left and Right Panels: 10 cm
Rear Panel: 10 cm
Top Panel: 50 cm

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IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT INFORMATION FOR UK CUSTOMERS

DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer. If, nonetheless, the mains plug is cut off, REMOVE THE FUSE and dispose of the PLUG immediately, to avoid possible shock hazard by inadvertent connection to the mains supply. If this product is not provided with a mains plug, or one has to be fitted, then follow the instructions given below:

IMPORTANT

DO NOT make any connection to the larger terminal which is marked with the letter 'E' or by the safety earth symbol or colored GREEN or GREEN AND YELLOW.

The wires in the mains lead on this product are colored in accordance with the following code:

BLUE – NEUTRAL
BROWN – LIVE

As these colors may not correspond with the colored markings identifying the terminals in your plug, proceed as follows:

The BLUE wire must be connected to the terminal marked with the letter 'N' or colored BLACK.
The BROWN wire must be connected to the terminal marked with the letter 'L' or colored RED.

When replacing the fuse, only a correctly rated and approved type should be used, and be sure to re-fit the fuse cover.

IF IN DOUBT CONSULT A COMPETENT ELECTRICIAN.

NOTES ON ENVIRONMENTAL PROTECTION

At the end of its useful life, this product must not be disposed of with regular household waste but must be returned to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's manual and packaging, point this out.

The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials or other forms of recycling of old products, you are making an important contribution to the protection of our environment. Your local administrative office can advise you of the responsible waste disposal point.

NOTE: THE T 517 IS NOT AN AUTO VOLTAGE DVD PLAYER. CONNECT ONLY TO THE PRESCRIBED AC OUTLET, I.E., 120V 60HZ OR 230V 50HZ.

RECORD YOUR MODEL NUMBER (NOW, WHILE YOU CAN SEE IT)

The model and serial number of your new T 517 are located on the back of the cabinet. For your future convenience, we suggest that you record these numbers here:

Model no. : .....
Serial no. : .....

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THANK YOU FOR CHOOSING NAD.

The T 517 DVD/CD/MP Player is a technologically advanced and highly capable product — yet we have invested great effort in making it simple and easy to use. We have been careful to ensure that the T 517 is as musically transparent, faithful to every video detail and spatially accurate as possible, incorporating much of what we've learned from a quarter-century's experience designing audio, video and home-theater components.

As with all our products, NAD's "Music First" design philosophy guided the T 517's design in such a way that it can confidently promise you state-of-the-art visual fidelity and audiophile-quality music listening for years to come.

We encourage you to take a few minutes now to read right through this manual. Investing a little time here at the outset might save you a good deal of time later, and is by far the best way to ensure that you make the most of your investment in the T 517, and get the most from this powerful and flexible component.

One more thing: We urge you to register your T 517 ownership on the NAD Worldwide Web site:

http://NADelectronics.com/warranty

For warranty information contact your local distributor.

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INTRODUCTION

GETTING STARTED

ENGLISH

UNPACKING AND SETUP

WHAT'S IN THE BOX

Packed with your T 517 you will find:

- An audio/video cable connector
- The DVD 8 remote control with 2 (two) AAA batteries
- This owner's manual

SAVE THE PACKAGING

Please save the box and all of the packaging in which your T 517 arrived. Should you move or otherwise need to transport your T 517, this is by far the safest container in which to do so. We've seen too many otherwise perfect components damaged in transit for lack of a proper shipping carton, so please: Save that box!

CHOOSING A LOCATION

Choose a location that is well ventilated (with at least several inches to both sides and behind), and that will provide a clear line of sight, within 23 feet/7 meters, between the T 517's front panel and your primary listening/viewing position - this will ensure reliable infrared remote control communications. The T 517 generates a modest amount of heat, but nothing that should trouble adjacent components. It is perfectly possible to stack the T 517 on top of other components.

QUICK START

In case you simply cannot wait to experience the performance of your new NAD T 517, we provide the following "Quick Start" instructions to get you underway.

Please make all the connections to your T 517 with the unit unplugged. It is also advisable to power-down or unplug all associated components while making or breaking any signal or AC power connections.

PLAY A CD OR DVD MOVIE

1. Using the supplied audio/video cable connector, connect the T 517's composite VIDEO OUT to your TV/monitor's corresponding input. Connect likewise the T 517's AUDIO OUT to your TV/monitor's applicable AUDIO input.
2. Plug the AC mains plug into the AC outlet.
3. Press the STANDBY button to switch ON the T 517.
4. To start playback of the T 517; press the [OPEN/CLOSE] button.
5. Insert the media and press [► PLAY] button to start playback. You should hear audio and see an image on the TV/monitor (If one or the other fails to appear, check your TV/monitor's input settings or the T 517 audio/video connections).

Enjoy the movie or music, but be sure to set aside time to read this manual thoroughly to set up and configure your T 517 according to your preference.

ABOUT THE T 517

Though the T 517 is among the most technically sophisticated DVD/CD/MP players, we worked hard to make it one of the most musically transparent components available as well - this is what we mean by NAD's "Music First" design philosophy. Here are just a few examples

- The T 517 includes the High Definition Digital Interface (HDMI) with HDCP encryption, allowing high definition audio and video signals to be transferred among applicable components, processors and TV Displays in a purely digital format.
- HDMI digital video output with upscaling up to 720p, 1080i and 1080p depending upon your TV's compatibility.
- Using the high quality 12-bit 148-MHz video DAC, the T 517 ensures highly accurate playback of delicate, low-level video signals as well as produce vivid picture that is faithful in every detail. On the other hand, the audiophile quality 24-bit, 192-kHz audio D/A converters make the T 517 well protected from noise caused by even minute fluctuations in current from the power supply. This high performance audio D/A converter ensures that all the sound you hear is as clear and noise free as possible thereby maintaining the delivery of dynamic, smooth and expansive audio sound.
- The T 517 has exceptional playability. It has support for DVD video, DVD±R, DVD±RW, VCD/SVCD with playback control (PBC), Audio CD and CD-R/CD-RW that contains audio titles, DivX, MP3, WMA and JPEG files.

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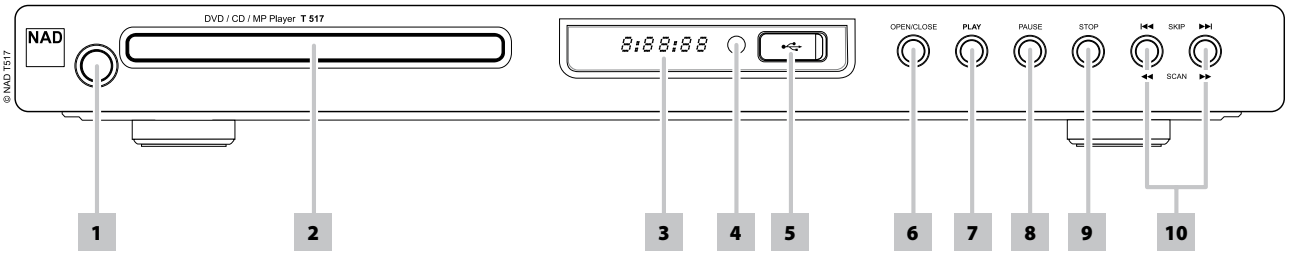
FRONT PANEL



1 STANDBY: Press this button to switch ON the T 517. The display window will illuminate. If there is disc loaded, the display window will show the playback time status of the disc. If there is no disc inside, the display window will show "NOdSC" (No Disc).

Pressing the [OPEN/CLOSE] button of the DVD 8 will switch ON the T 517 from standby mode and at the same time open the disc tray. The T 517 can also be switched ON by pressing the [ON] or [PLAY] buttons of the remote control. Pressing the standby switch again turns the unit back to standby mode. Unplug the AC power cord from the AC wall socket to completely shut down the T 517.

2 DISC TRAY: With the DISC TRAY open, insert a DVD, VCD, CD or other compatible media disc face down onto the tray.

"Disc Error" appears at the On-Screen Display (OSD) ("Err" at the display window), if the disc is placed upside down (and it is a single sided disc).

3 DISPLAY WINDOW: If there is disc loaded, the display window will show the playback time status of the disc. If there is no disc inside, the display window will show "NOdSC" (No Disc).

4 REMOTE SENSOR: Point the DVD 8 at the remote sensor and press the buttons. Do not expose the remote sensor of the DVD 8 to a strong light source such as direct sunlight or illumination. If you do so, you may not be able to operate T 517 with the remote control.

Distance: About 23 ft (7 m) from the front of the remote sensor
Angle: About 30° in each direction of the front of the remote sensor

5 USB PORT: Connect an external USB device into this input. Refer also to the "USB MODE" section of "USING THE T 517 – FEATURES" under the "OPERATION" main heading.

6 OPEN/CLOSE: Press this button to open and close the disc tray.

7 PLAY: Press this button to start playback. If the disc tray is open, press this button to automatically close the tray and start playback if a disc is loaded. Use also this button for USB file playback.

8 PAUSE: Toggle [PAUSE] button to switch between PLAY and PAUSE mode if a disc is loaded or if a USB file is at playback mode.

9 STOP: During disc playback, press this button to STOP and at the same time PAUSE disc playback. Press [PLAY] button to resume play from the spot it was stopped. If [STOP] button is pressed consecutively during playback, disc or file playback will fully stop.

10 SKIP [⏮ / ⏭]: Press [⏭] to skip forward or [⏮] to skip backward a track, file or chapter.

SCAN [◀◀ / ▶▶]: Press and hold these buttons to scan at fast-forward or fast-reverse during playback. Each time the button is pressed, the speed increases until the maximum level is reached. The scanning speeding is shown in the OSD and may vary by disc type. The speed will be retained even after the button is released, but normal playback will resume once the next track, file or chapter is reached. To return to normal playback, press [PLAY].

NOTE

Not all media support maximum speeds for scanning.

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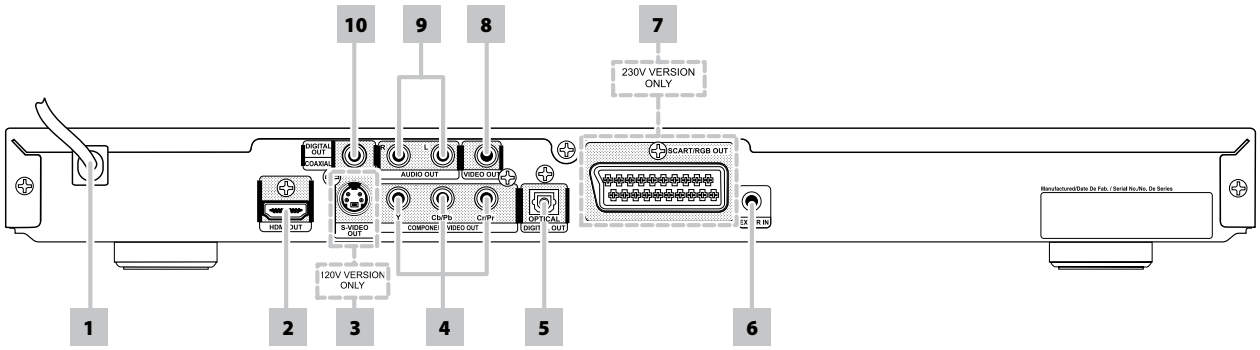
IDENTIFICATION OF CONTROLS

REAR PANEL



ATTENTION!

Please make sure that the T 517 is powered off or unplugged before making any connections. It is also advisable to power-down or unplug all associated components while making or breaking any signal or AC power connections.

1 AC LINE CORD: Plug the AC power cord into a live AC wall socket. Make sure all connections have been made before connecting to mains.

2 HDMI OUT: Using a HDMI cable (not supplied), connect the HDMI OUT jack to the corresponding HDMI input jack of a compatible equipment like a HDTV, a projector or an A/V Receiver.

WARNING

Before connecting and disconnecting any HDMI cables, both the T 517 and the ancillary source must be powered OFF and unplugged from the AC outlet. Failure to observe this practice may cause permanent damage to all equipment connected via HDMI sockets.

IMPORTANT NOTICE

If your HDMI equipped TV is not capable of decoding DTS or Dolby Digital Bitstream, set the T 517's Dolby Digital or DTS setting at the "Audio Setup Menu" to "PCM". There may be a rushing noise heard if your TV is not capable of decoding the DTS (or Dolby Digital) Bitstream; most TVs do not have this capability.

3 S-VIDEO OUT (120V version only): In general, the S-Video connection is superior to composite video and should be used if your TV/monitor provides the corresponding input. Connect to the corresponding S-Video input of a compatible monitor/television, projector, A/V receiver or processor using quality S-Video cable designed for video signals.

4 COMPONENT VIDEO OUT: Connect to the corresponding component video input of a compatible equipment like a monitor/television, projector, A/V receiver or processor. Be sure to observe consistency in connecting the appropriate Y, Cb/Pb, Cr/Pr jacks to the corresponding sources/inputs. Do not rely purely on the color coding of the jacks, which may not always be consistent among brands.

NOTES

- *Only non-copy protected discs can be played back at 720p, 1080i and 1080p resolution. If the disc is copy protected, it will be only displayed at 480i/576i or 480p/576p resolution.*
- *For 230V version only: Make sure to set the "TV Output Select" to "YPbPr" for component video output to be available.*

5 DIGITAL OUT (OPTICAL): Connect to the corresponding optical digital input of a compatible device such as CD recorders, receivers, computer soundcard or other digital processors.

6 IR IN: This input is connected to the output of an IR (infrared) repeater (Xantech or similar) or the IR output of another component to allow control of the T 517 from a remote location. Most NAD products with IR OUT are fully compatible with the T 517.

7 SCART/RGB OUT (230V version only): Using a SCART connector (not supplied), connect to the corresponding SCART/RGB video input of a compatible video monitor/TV. Be sure to observe the correct orientation of the SCART/RGB plug.

8 VIDEO OUT: Connect to the corresponding composite video input of a compatible monitor/television, projector, A/V receiver or processor using quality dual-RCA cable designed for video signals.

9 AUDIO OUT: This analog audio output can be connected to the corresponding analog audio input of a compatible equipment like an amplifier, receiver, TV or stereo system.

10 DIGITAL OUT (COAXIAL): Connect to the corresponding coaxial digital input of a compatible device such as CD recorders, receivers, computer soundcard or other digital processors.

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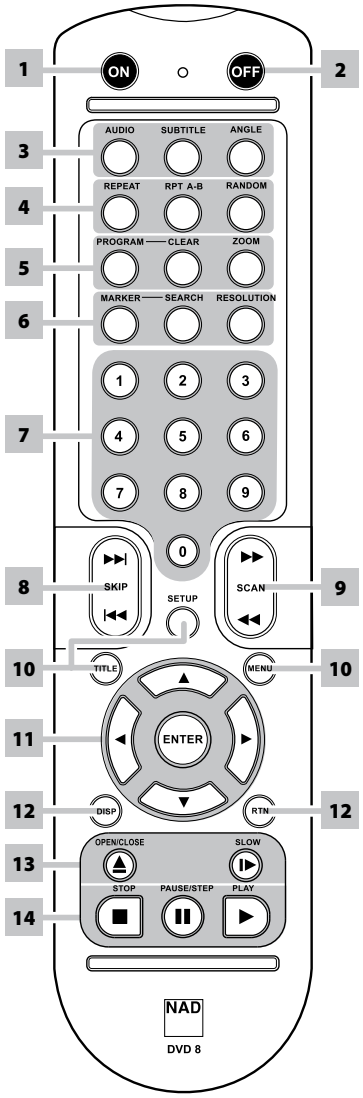
DVD 8 REMOTE CONTROL



1 **ON :** Switch T 517 ON.

2 **OFF :** Switch T 517 OFF.

3 **AUDIO :** Select an audio language.
SUBTITLE : Select a subtitle language
ANGLE : Select a DVD camera angle if available.

4 **REPEAT :** Repeat track, all, chapter, title, file, folder.
RPT A-B : Repeat sequence.
RANDOM : Play tracks or files in random mode.

5 **PROGRAM :** Enter or exit program mode.
CLEAR : Remove a track or file number on the program list.
ZOOM : Enlarge video image.

6 **MARKER :** Mark any point during playback.
SEARCH : Display MARKER SEARCH menu.
RESOLUTION : Change video resolution via HDMI or component video output (for non-copyright protected discs only) port.

7 **0-9 number buttons :** Select numbered items in a menu.

8 **SKIP [▶▶I] :** Go to next chapter, track or file.
SKIP [I◀◀] : Go to beginning of current chapter, track, or file/ go to previous chapter, track, or file.

9 **SCAN [◀◀/▶▶] :** Fast reverse or forward search.

10 **SETUP :** Access or remove setup menu.
TITLE : Display the disc Title menu, if available.
MENU : Access menu on a DVD disc.

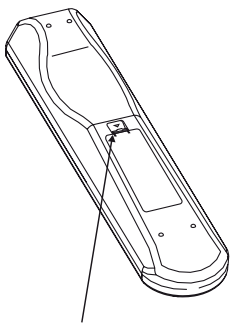
11 **[▲/▼/◀/▶] :** Select an item in a menu.
ENTER : Acknowledge menu selection.

12 **DISP :** Access on-screen display.
RTN : Exit from a menu window.

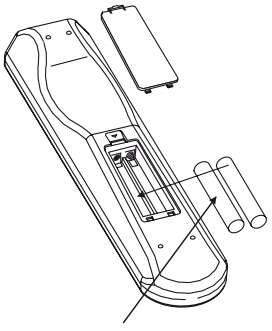
13 **OPEN/CLOSE :** Opens and closes the disc tray.
SLOW [I▶] : Slow forward playback.

14 **STOP :** Stop playback.
PAUSE/STEP : Pause playback temporarily/ press repeatedly for frame-by-frame playback.
PLAY : Start playback.

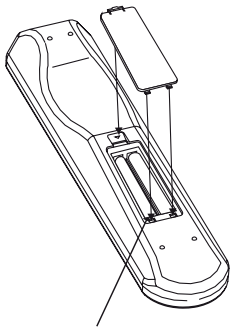
BATTERY ASSEMBLY



Press in and lift tab to remove battery cover out of recess.



Place batteries into opening. Ensure the correct fitting is observed.



Replace battery cover by aligning and inserting the two tabs into the holes. Press battery cover into place until it 'clicks' closed.

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SETUP

USING THE T 517

You may operate the T 517 from its front panel or via the DVD 8 remote control. Since the remote will be the primary controller for most cases, we will focus on remote-controlled operations. Be sure also to read the section, "IDENTIFICATION OF CONTROLS - FRONT PANEL".

REGION MANAGEMENT INFORMATION

The T 517 is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number shown on the back of the T 517, the T517 cannot play that disc. The OSD will display "Check Regional Code" ("Err" in the display window) when an incompatible region disc is loaded.

PLAYABLE DISCS

The T 517 has exceptional playability. It has support for DVD video, DVD±R, DVD±RW, VCD/SVCD with playback control (PBC), Audio CD and CD-R/CD-RW that contains audio titles, DivX, MP3, WMA and JPEG files.

NOTE

You cannot playback discs other than those listed above. To do so may render the T 517 permanently inoperable.

DISC LOADING AND PLAYBACK

There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the T 517 to malfunction. "Disc Error" appears at the On-Screen Display (OSD) ("Err" at the display window), if the disc is placed upside down (and it is a single sided disc).

The following are important tips when loading a disc

- Do not push the disc tray while it is moving. Doing so may cause the T 517 to malfunction.
- Do not push up the disc tray or put any objects other than discs on the disc tray. Doing so may cause the T 517 to malfunction.
- Keep your fingers well clear of the disc tray as it is closing. Be especially careful with children's fingers around the closing disc tray, as there is a risk of personal injury.

Press [PLAY], the disc tray is automatically closed. Playback of the first track starts if a CD is loaded. For DVD, USB or other disc media, playback operation is accessible through their menu screen.

NOTE

Do not move the T 517 during playback. Doing so may damage the disc and the T 517.

ABOUT THE ON-SCREEN DISPLAY (OSD)

The T 517 employs a self-explanatory on-screen display "menu" that will appear on the connected video monitor/TV. These are required during the setup process (and are useful in day-to-day operation), so be sure to connect the monitor/TV before proceeding with the setup.

DISPLAY THE T 517 SETUP MENU

Press the DVD 8's [SETUP] button for the Setup Menu OSD to appear. With the use of the DVD 8's navigation buttons, you may select various menus. If the Setup Menu does not appear, check your applicable video connections.

NAVIGATING THE SETUP MENU OSD AND MAKING CHANGES

To navigate through the Setup Menu OSD options, please do the following using the DVD 8 remote control:

1. Use [▲/▼] keys to move up or down the menu selections.
2. Press [►] to select a menu item.
3. Use [▲/▼] keys to select through the options of a particular menu item.
4. Press [ENTER] to select a desired setting/selection.
5. Press [SETUP] or [PLAY] to exit the Setup menu.

To exit from a menu option, press repeatedly DVD 8's [◄] key as applicable.

DISPLAY DISC OSD

You can display the general disc playback status on the TV screen. Some items can be changed using the menu. To use the on-screen display:

1. Press the DVD 8's [DISP] during playback.
2. Press [▲/▼] to select an item. The selected item is highlighted.
3. Key-in the desired the number button, press [◄/►] or [ENTER] as applicable.

NOTES

- *The display feature may not be available for all disc media and is media dependent.*
- *Display disc OSD does not apply to audio only discs like CD and MP3/WMA/JPEG files as they are already presented in their respective menu screens.*
- *If no button is pressed for about 10 seconds, the on-screen display disappears.*

ABOUT THE ⃠ SYMBOL DISPLAY

"⃠" may appear on your TV display during operation. This indicates that the function you entered or try to execute is not available on that specific disc or file.

FACTORY DEFAULT SETTINGS

The procedure below will restore the T 517 to its factory default settings.

1. The T 517 must be in a "No Disc" status. Press [SETUP] key of the DVD 8 and the Setup Menu OSD will appear.
2. Use [▲/▼] to highlight DISPLAY setup menu. Press [►] to go to "TV Aspect" option.
3. Press [►] again to highlight "16:9". Using the number buttons of the DVD 8, input in quick succession the following numbers – 1397139, then [ENTER].
4. The "SYSTEM INFORMATION" OSD will be shown. Press [ENTER].
5. Switch OFF the T 517. The T 517 is now restored to its factory default settings.

When you turn back ON the T 517, the "Menu Language" OSD will appear. Use [▲/▼] to select your preferred language. Press [ENTER]. You will again be prompted to press [ENTER] to confirm your selection.

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The Setup Menu allows one to customize the operation of the T 517. If the factory defaults do not suit your taste, you will need to use the setup menu to configure the T 517 yourself.

To access and navigate through the Setup Menu selections, please refer to and follow the directions stated in the above section about "NAVIGATING THE SETUP MENU OSD AND MAKING CHANGES."

LANGUAGE SETUP MENU

MENU LANGUAGE
Select a language for the SETUP menu and on-screen display.

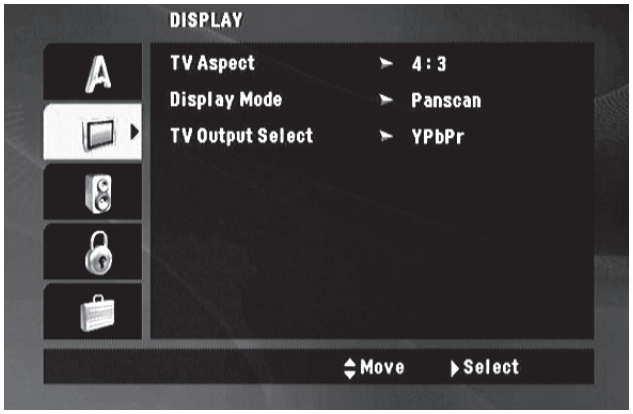
DISC AUDIO/SUBTITLE/MENU
Select the language you prefer for the audio track (disc audio), subtitles and the disc menu. Depending on the DVD media, only those Disc Audio, Disc Subtitle and Disc Menu languages recorded on the DVD media are available. When a language is chosen, it will become the default setting unless the DVD media overrides the settings.

Original: Refers to the original language in which the disc was recorded.

Other: Select "Other" if the desired language is not on the list. Use [▲/▼] to highlight "Others" and then input the 4-digit language code using the number keys of the remote control. Press [ENTER]. If you enter the wrong language code, press [CLEAR]. See "LANGUAGE CODE LIST" under the main heading "REFERENCE" for a list of applicable language codes.

Off: If you choose for the disc subtitle not to come up, select "Off".

DISPLAY SETUP MENU



TV ASPECT

4:3 : Select when a standard 4:3 TV is connected.

16:9 : Select when a 16:9 wide TV is connected.

DISPLAY MODE
Display Mode setting works only when the TV Aspect mode is set to 4:3.

Letterbox: Displays a wide picture with bands on the upper and lower portions of the screen.

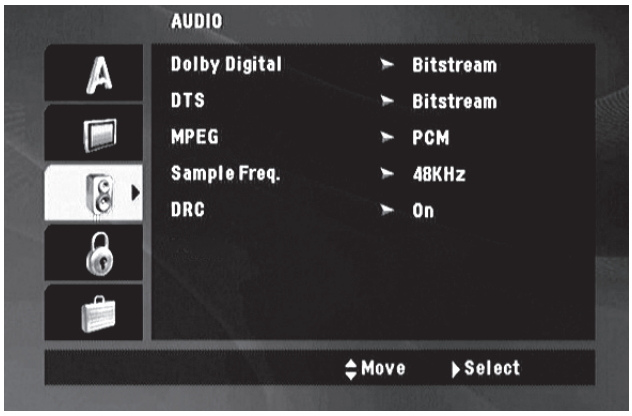
Panscan: Automatically displays the wide picture on the entire screen and cuts off the portions that do not fit.

TV OUTPUT SELECT (230V VERSION ONLY)
Set the player's TV Output Select options according to the TV connection type.

RGB: Select when you connect the SCART OUT port with the use of a SCART connector (not supplied) to the corresponding SCART input of a compatible TV. There is no component video output when "TV Output Select" is set to "RGB".

YPbPr: Select this option for component video output to be available.

AUDIO SETUP MENU



Each DVD disc has a variety of audio output options. Set the T 517's AUDIO options according to the type of audio system you use.

DOLBY DIGITAL/DTS/MPEG
Set the type of digital audio signal.

Bitstream: Select "Bitstream" if you connect the T 517's digital OUT jack to an amplifier or other equipment with a Dolby Digital, DTS or MPEG decoder.

PCM: Select when connected to a two-channel digital stereo amplifier. DVDs encoded in Dolby Digital or MPEG will be automatically downmixed to two-channel PCM audio.

Off (for DTS only): Select "Off" when you connect the digital audio out jack to an equipment that has no DTS decoder.

SAMPLE FREQ. (FREQUENCY)
Set the sampling frequency of the audio signal.

48KHz: If your receiver or amplifier is not capable of handling 96 kHz signals, select 48 kHz. When this choice is made, this unit automatically converts any 96 kHz signals to 48 kHz so your system can decode them.

96KHz: If your receiver or amplifier is capable of handling 96 kHz signals, select 96 kHz. When this choice is made, this unit passes each type of signal through without any further processing.

Check the documentation of your amplifier to verify its capabilities.

DRC (DYNAMIC RANGE CONTROL)
You can select the effective dynamic range (subjective range from soft to loud) for playback of Dolby Digital soundtracks. It is useful when you watch your favorite action movie without disturbing others at night.

On: The "On" setting is for late-night sessions or other times when you wish to retain maximum dialog intelligibility while minimizing overall volume levels. This is applicable only for Dolby Digital soundtracks.

Off: To maintain full dynamic range, set to "Off".

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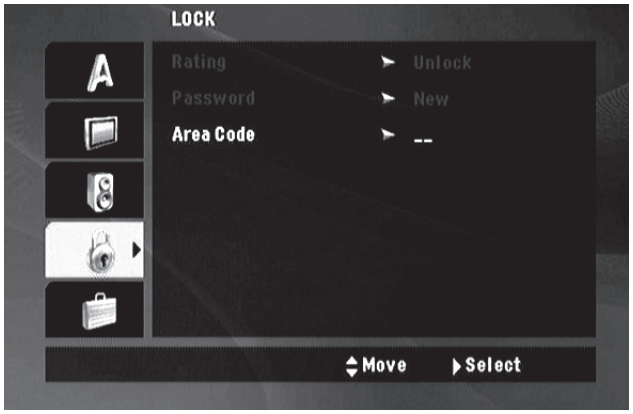
OPERATION

USING THE T 517 –SETUP MENU

LOCK SETUP MENU



Some movies contain scenes that may not be suitable for children to view. Many of these discs contain parental control information that applies to the complete disc or to certain scenes on the disc. Movies and scenes are rated from Level 1 to 8, depending on the country. Some discs offer more suitable scenes as an alternative.

When you access Lock Setup Menu for the first time, you will initially be directed to the "Area Code" menu. This allows you to setup your own Parental Control Password from the onset. Continue on with the procedure below (applicable only for first time use or when the T 517 is restored to its factory settings).

1 While at "Area Code" line menu, press [►].
2 Input your desired 4-digit password code. Press [ENTER].
3 Enter it again and press [ENTER] to verify. You have now setup your Parental Rating password. If you make a mistake before pressing [ENTER], press [CLEAR].
4 You can now setup your Area Code as described below (from step number 3).

NOTE

Given that this is your first time accessing the Lock setup menu, after setting up the Area Code, you will be redirected to the "Rating" menu for you to set up your parental rating. Follow the "Rating" setup procedure below.

AREA CODE

Enter the code of the country/area whose standards were used to rate the DVD video disc. See "AREA CODE LIST" under the main heading "REFERENCE" for a list of applicable area codes.

1 While at "Area Code" line menu, press [►].
2 Input the password you have setup. Press [ENTER].
3 Select the first character using [▲/▼] buttons. Press ENTER.
4 Select the second character using [▲/▼] buttons.
5 Press ENTER to confirm your area code selection.

RATING (120V VERSION ONLY)

The parental rating feature allows you to block access to scenes greater than the rating you set up, thereby preventing your children from being able to view material you believe is unsuitable. To activate "Rating", please be guided by the following:

1 While at "Rating" line menu, press [►]. Press [ENTER].
2 Input the password you have setup.
3 Upon entering the password, you can now set the parental rating level you prefer. Use [▲/▼] to step through the rating levels.
4 Press [ENTER] to confirm your rating selection.

RATING 1-8

Rating one (1) has the most restrictions and Rating "8" is the least restrictive.

UNLOCK

If you select unlock, parental lock is not active and the disc plays in full.

NOTE

If you set a rating level for the player, all disc scenes with the same rating level or lower are played. Higher rated scenes are not played unless an alternate scene is available on the disc. The alternative must have a lower rating. If no suitable alternative is found, playback stops. You must enter the 4-digit password in order to play the disc. Should you forget your password, restore the T 517 to its factory default settings. Refer to the "Factory Default Settings" section under the main heading "Setup – Using the T 517".

PASSWORD

You can change the password for parental control. Enter your four-digit password when prompted on the screen.

1 Scroll to [Password]. Press [►] to select "Change". Press [ENTER].
2 Enter your old four-digit password using the numeric buttons (0-9). Press [ENTER].
3 You will be prompted to enter your new password. Enter the new four-digit password using the numeric buttons (0-9). Press [ENTER].
4 You will be prompted to verify your new password. Enter the new four-digit password again. Press [ENTER]. The new four-digit password is now valid.

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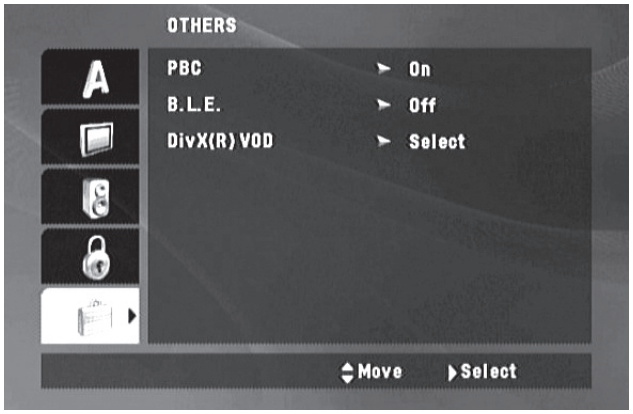
OTHERS SETUP MENU



PBC

Set Playback Control (PBC) to On or Off. This function is available only on Video CD and SVCD with playback control (PBC) feature.

On : Video CDs with PBC are played according to the PBC.

Off : Video CDs with PBC are played the same way as Audio CDs.

B.L.E. - BLACK LEVEL EXPANSION (120V VERSION ONLY)

Black level determines the amount of light a picture display emits for the darkest areas of an image.

On : Select to enhance the black level.

Off : Select for the standard black level setting.

NOTE

Black level is only available for CVBS (composite video) and S-video output. For component video output, black level is only applicable at a 480i resolution setting.

DIVX ® VOD (DIVX REGISTRATION)

DivX is the name of a revolutionary new video codec which is based on the new MPEG-4 compression standard for video. You will be able to play DivX discs using the T 517.

The Registration code details necessary for VOD (Video-On- Demand) service can be shown by pressing [ENTER] while at "Select" menu option.

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OPERATION

USING THE T 517 - FEATURES

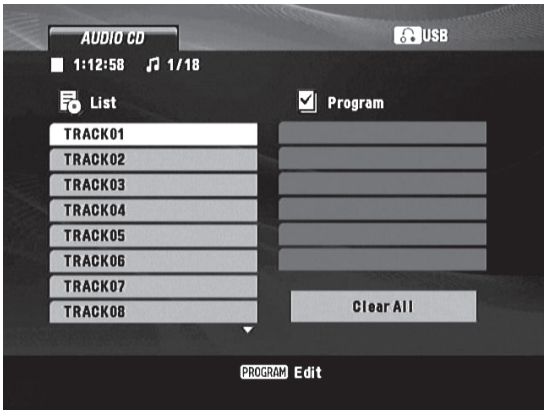
USB MODE

The T 517 can play back MP3/WMA/JPEG/DivX files stored in external USB (Universal Serial bus) devices. The following are the T 517's capabilities with respect to USB device playability.

- Support USB 1.1 full speed (12Mbps).
- When more than 650 files are recorded in the USB device, the T 517 may not be able to play the files correctly.
- Digital camera & mobile phone are not supported.

USB PLAYBACK

1 Connect the external USB device to the front panel's USB input.
2 At STOP mode, press [RTN] button of the DVD 8 to switch from DISC mode to USB mode and vice-versa.



3 For details of operations on applicable file type, refer to the relevant sections about MP3/WMA/JPEG/DivX playback.

ABOUT HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD Players, Set-Top Boxes and other AV devices.

HDMI was developed to provide the technologies of HDCP (High Definition Contents Protection). HDCP is used to protect digital content transmitted and received.

HDMI has the capability to support standard, enhanced or high-definition video plus standard to multi-channel surround-sound audio, HDMI features include uncompressed digital video, a bandwidth of up to 5 gigabytes per second, one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI CONNECTION

If you have a HDMI TV or monitor, you can connect it to this player using a HDMI cable (not supplied).

1 Connect the HDMI OUT jack on the player to the HDMI jack on a HDMI compatible TV/monitor.
2 Set the TV's source to HDMI (refer to your TV/monitor's Owner's manual).

When you use HDMI connection, you can change the resolution (480i/576i, 480p/576p, 720p, 1080i, 1080p) for the HDMI output by pressing RESOLUTION. You can only change the resolution within your TV/Monitor's resolution capabilities.

NOTE

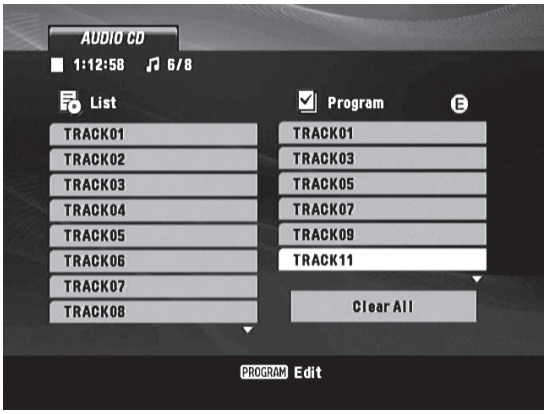
No image will be displayed if your 1080p-capable TV doesn't accept images in 60Hz.

IMPORTANT NOTICE

If your HDMI equipped TV is not capable of decoding DTS or Dolby Digital Bitstream, set the T 517's Dolby Digital or DTS setting at the "Audio Setup Menu" to "PCM". There maybe a rushing noise heard if your TV is not capable of decoding such formats.

PROGRAMMING

The program function enables you to store your favorite tracks from any disc in the player memory. A program can contain 30 tracks. To program the sequence



1 Insert a disc. Audio CD or MP3/WMA discs: Audio CD or MP3/WMA menu screen appears.
2 Press DVD 8's [PROGRAM] button. An "E" icon will appear to the right of the word "Program" on the right side of the menu screen.
3 Use [▲/▼] to select a track/file that will be included on the "Program" list. Press [ENTER]. Repeat to place additional tracks/files on the list.
4 Press [Program] again to finish or exit program mode.

PROGRAM PLAYBACK

1 Select the track/file you want to start playing from the "Program" list (right side of the menu screen).
2 To begin playback, press [►] or [ENTER]. Playback follows the order in which you programmed the tracks/files. Playback stops after all of the tracks/files on the "Program" list have been played once.
3 To resume normal playback from programmed playback, select a track/file on the left side of the menu screen and then press [PLAY].

ERASING A TRACK FROM PROGRAM LIST

1 Press [►] to move to the "Program" list.
2 Use [▲/▼] to select the track/file that you wish to erase from the Program list.
3 Press [CLEAR] button of DVD 8. Repeat to erase additional tracks on the list.

ERASING THE COMPLETE PROGRAM LIST

1 Press [►] to move to the "Program" list.
2 Use [▼] to select "Clear All", then, press ENTER.

NOTE

The programs are also cleared when the disc is removed.

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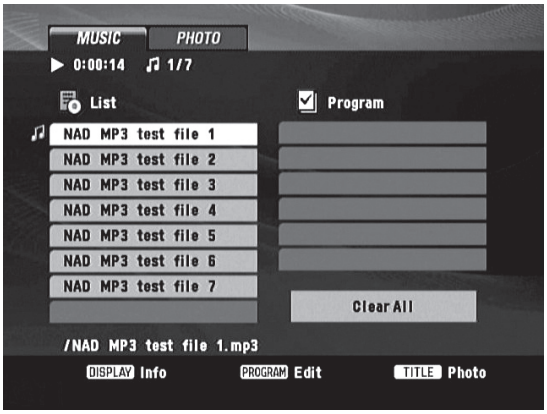
PLAYING MP3/WMA/JPEG

The T 517 can play MP3/WMA formatted recordings on CD-R, or CD-RW discs as well as view discs with JPEG files. You may mix any of the file types on the disc.



1 Load the applicable disc. The OSD will display the folders or files as a list. Use the DVD 8's [▲/▼] keys to navigate through the folders or files.
2 Press [▲/▼] to select a folder, and press ENTER to see the folder contents.
3 Press [▲/▼] to select a file.
4 Press [ENTER] or [PLAY] to start playback. Toggle [DISP] to show information about the current music file if any - Title, Artist, Album, Year, Comment. If there is no information, "No ID3 Tag" will be instead shown.

NOTES

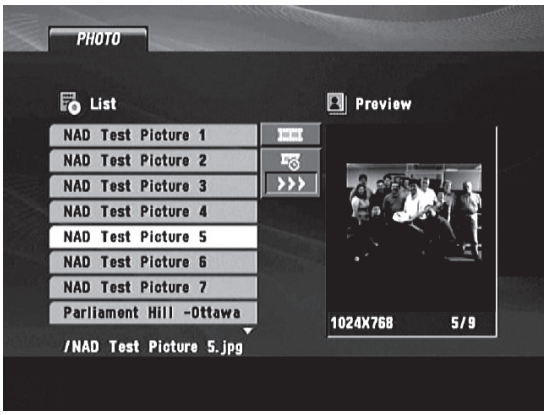
- *If you are in a file list and want to return to the previous Folder list, use the [▲/▼] buttons on the remote to highlight "" and press [ENTER].*
- *Press [MENU] button of the DVD 8 to scroll up and down the file list one page or at least 8 files at a time.*
- *On a disc with MP3/WMA and JPEG you can switch between MUSCI and PHOTO menu. Press TITLE and MUSIC or PHOTO word on top of the menu is highlighted.*
- *The total number of files on the disc should be less than 650.*

IMPORTANT NOTICE

Customers should note that permission is required in order to download MP3/WMA files and music from the Internet. NAD ELECTRONICS INTERNATIONAL has no right to grant such permission. Permission should always be sought from the copyright owner.

VIEWING A JPEG DISC

Using the T 517, you can view discs with JPEG files.



1 Insert a disc and close the tray. The PHOTO menu appears on the TV screen.
2 Press [▲/▼] to select a folder.
3 Press ENTER. A list of files in the folder appears. Press [▲/▼] to select a file.
4 Press ENTER or PLAY to start playback. While viewing a file, you can press STOP to return to the previous menu (PHOTO menu).

NOTES

- *If you are in a file list and want to return to the previous Folder list, use the [▲/▼] buttons on the remote to highlight "" and press [ENTER].*
- *Press [MENU] button of the DVD 8 to scroll up and down the file list one page or at least 8 files at a time.*
- *On a disc with MP3/WMA and JPEG you can switch between MUSIC and PHOTO menu. Press TITLE and MUSIC or PHOTO word on top of the menu is highlighted.*
- *To hide/unhide the navigation options below the photo being displayed, press [DISP] or [RTN] button of the DVD 8.*
- *The total number of files on the disc should be less than 650.*

SLIDE SHOW

Highlight "" and use [◀/▶] to setup the speed of the slide show. Use [▲] to highlight "" or "" and then press [ENTER] to start slide show.

LISTENING TO MUSIC DURING SLIDE SHOW

If the disc contain music and photo files together, you can listen to music during slide show by selecting "". Use [▲/▼] to highlight "" and then press [ENTER] to start slide show.

STILL PICTURE

Press [PAUSE/STEP] during slide show. The player will now go into PAUSE mode. To return to the slide show, press PLAY or press [PAUSE/STEP] again.

MOVING TO ANOTHER FILE

Press [⏮/⏭] once while viewing a picture to advance to the next or previous file.

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OPERATION

USING THE T 517 - FEATURES

DIVX PLAYBACK

Using the T 517, you can play DivX discs.

1 Insert a disc and close the disc tray. The MOVIE menu appears on the TV screen.
2 Press [▲/▼] to select a folder. Press [ENTER]. A list of files in the folder appears.
3 Press [▲/▼] to select a file. If you are in a file list and want to return to the previous Folder list, use the [▲/▼] buttons on the remote to highlight " " and press [ENTER].
4 Press ENTER or PLAY to start playback.
5 Press [STOP] to exit.

NOTES

- *Playable DivX files- .avi, .mpg, .mpeg*
- *The total number of files on the disc should be less than 650.*

LAST SCENE MEMORY

This player memorizes the last scene from the last disc that is viewed. The last scene remains in memory even if you remove the disc from the player or switch off the player. If you load a disc that has the scene memorized, the scene is automatically recalled.

NOTE

This player does not memorize the scene of a disc if you switch off the player before commencing to play the disc.

SCREENSAVER

The screensaver appears when you leave the T 517 in Stop mode for about five minutes. If the Screensaver is displayed for five minutes, the T 517 automatically turns itself off.

SYSTEM SELECT (230V VERSION ONLY)

You can select either Auto, PAL or NTSC to force the output of the T 517 to the desired format. For example one can load a PAL media and display it in the NTSC format. Similarly one can load an NTSC media and display it in the PAL format. The Auto setting will detect automatically the media being played and display it. Depending on the type of TV set you own, select the signal mode you wish to watch your disc.

Press the [OPEN/CLOSE] button. To toggle through the system selection, press and hold [PAUSE/STEP] key of the remote control for more than 5 seconds to select a system – Auto, PAL or NTSC.

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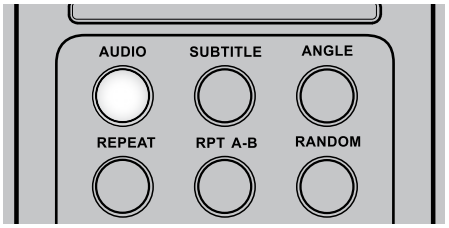
Depending on the media, the following basic function controls of the T 517 can be accessed directly using the DVD 8.

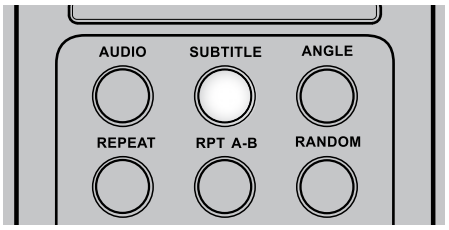
AUDIO



The AUDIO button will allow one to switch the audio language or format of the DVD media only if the DVD media supports the AUDIO button feature.

Press [AUDIO] repeatedly to select desired audio language or format.

SUBTITLE



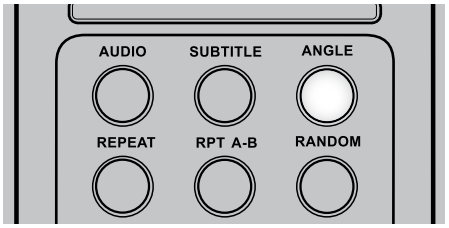
It is possible to change the subtitle language to a different language from the one selected at the initial settings. This operation works only with discs on which multiple subtitle languages are recorded.

1. Press [SUBTITLE] during playback. When no subtitles are recorded, "OFF" will be displayed.
2. Press [SUBTITLE] repeatedly until the desired language is selected.

When the desired language is not selected even after pressing the button several times, it means that the language is not available on the disc.

To eliminate the On Screen Subtitles, press [SUBTITLE] repeatedly to select "OFF".

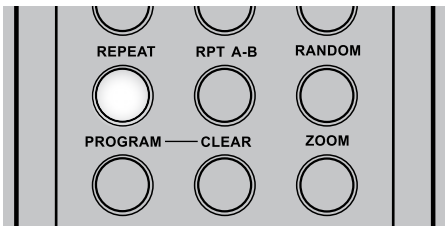
ANGLE



Some DVDs may contain scenes that have been shot simultaneously from a number of different angles. For these discs, the same scene can be viewed from each of these different angles using the [ANGLE] button. This function only works for discs having scenes recorded at different angles.

1. Press [ANGLE] during playback. Angle number will be displayed.
2. Press [ANGLE] repeatedly until the desired angle is selected.

REPEAT

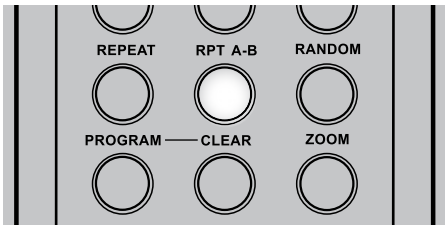


To repeat the playback of a particular track or chapter, press the T 517's [REPEAT] key once. Pressing the same [REPEAT] key a second time will repeat all the tracks or title. Turn off repeat mode by pressing [REPEAT] button a third time.

NOTE

REPEAT feature does not apply to JPEG files.

RPT A-B



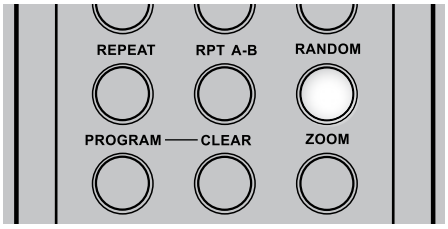
To repeat a sequence, implement the following procedures:

1. Press [RPT A-B] at your chosen starting point - "A" appears on the TV screen.
2. Press [RPT A-B] again at your chosen end point - "A -B" appears on the TV screen. The repeat sequence begins.
3. Press [RPT A-B] again to cancel the sequence.

NOTE

REPEAT A-B feature does not apply to MP3/WMA/JPEG files.

RANDOM



Press DVD 8's [RANDOM] key during playback. Random Playback begins immediately and "RANDOM" appears on the menu screen. Press [⏮ / ⏭] for random playback of audio tracks. Press [RANDOM] again to return to normal playback.

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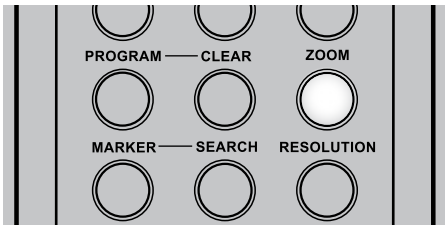
OPERATION

USING THE T 517 – FUNCTION CONTROL

ZOOM



Use [ZOOM] to enlarge the video image. Press [ZOOM] during playback or still playback to activate the Zoom function.

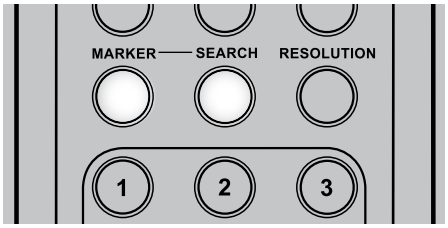
Depending on the media, each press of the ZOOM button changes the TV screen in the following sequence: 100%, 200%, 300% and 400%.

Use the DVD 8's [▲/▼/◄/►] keys to move through the zoomed picture. To resume normal playback, press [ZOOM] repeatedly until "100%".

NOTE

Zoom may not work on some DVDs.

MARKER, SEARCH



Storing a MARKER in the T517's memory is similar to marking your page in a book. It allows you to quickly return to any point on the disc.

Press [MARKER] during play at the starting point to be viewed again. Up to 9 markers can be stored in the memory.

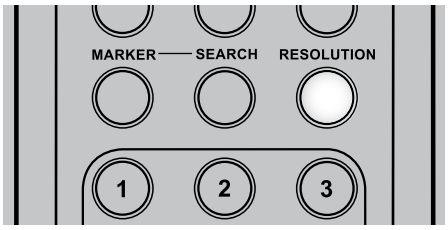
RECALLING/CLEARING A MARKER

1. Press SEARCH during playback.
2. Use the [◄/►] buttons to select the marker to be recalled/cleared.
3. Press [ENTER] to recall a marker. Or press [CLEAR] to clear a marker.
4. Play resumes from the point corresponding to the selected marker, or the selected marker is cleared.

NOTES

- *These operations work only with discs for which the elapsed playing time appears in the DVD display window during playback or stop mode.*
- *Some subtitles recorded around the marker may fail to appear (DVD).*
- *All the markers are cleared when the power is turned off or the disc is removed.*
- *A marker is not stored when the DVD or title menu is displayed on the TV screen.*

RESOLUTION



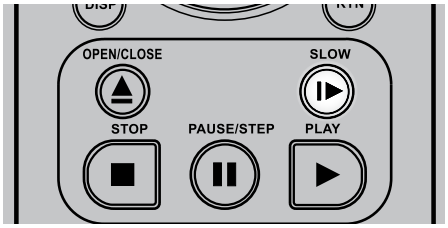
The T 517 has the excellent ability to up-convert standard video definition contents to high definition video signal. The best possible video resolution is ensured by the sophisticated video processor of the T 517.

Toggle [RESOLUTION] button to step through the possible resolution settings. You can only change the resolution within your TV/Monitor's resolution capabilities.

NOTE

Component Video output - Only non-copy protected discs can be played back at 720p, 1080i and 1080p resolution. If the disc is copy protected, it will be only displayed at 480i/576i or 480p/576p resolution.

SLOW



Slow forward playback. Repeatedly press [SLOW ▮►] to select the desired speed. To exit Slow Motion mode, press [PLAY].

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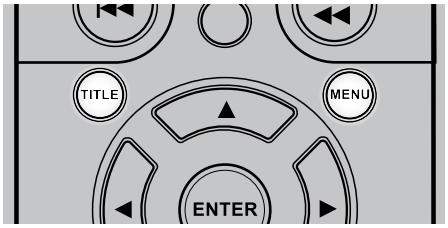
TITLE AND MENU



The [TITLE] and [MENU] buttons are used to display via OSD, the title headings and menus of the DVD and other applicable media. Some movie discs may contain two or more titles. If the disc has a title menu recorded on it, the [TITLE] button can be used to select the movie title. (The details of operation differ depending on the disc used.)

Press [TITLE] and a list of the titles on the disc are displayed. Depending on the disc, pressing [TITLE] again will resume play from the scene when [TITLE] was first pressed.

Press [ENTER], [PLAY] or the numeric button(s) to select desired title. The selected title now starts playing.

Some DVDs have unique menu structures called DVD menus. For example, DVDs programmed with complex contents provide guide menus, and those recorded with various languages provide menus for audio and subtitle language.

Press [MENU] during play; the DVD menu available on the disc is now displayed. Pressing [MENU] again resumes play from the scene when MENU was first pressed.

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REFERENCE

LANGUAGE CODE LIST

Use this list to input your desired language for the following settings: DISC AUDIO/DISC SUBTITLE/DISC Menu language.

Language	Code	Language	Code	Language	Code	Language	Code
Abkhazian	**6566**	Fiji	**7074**	Lingala	**7678**	Singhalese	**8373**
Afar	**6565**	Finnish	**7073**	Lithuanian	**7684**	Slovak	**8375**
Afrikaans	**6570**	French	**7082**	Macedonian	**7775**	Slovenian	**8376**
Albanian	**8381**	Frisian	**7089**	Malagasy	**7771**	Somali	**8379**
Ameharic	**6577**	Galician	**7176**	Malay	**7783**	Spanish	**6983**
Arabic	**6582**	Georgian	**7565**	Malayalam	**7776**	Sudanese	**8385**
Armenian	**7289**	German	**6869**	Maltese	**7784**	Swahili	**8387**
Assamese	**6583**	Greek	**6976**	Maori	**7773**	Swedish	**8386**
Aymara	**6588**	Greenlandic	**7576**	Marathi	**7782**	Tagalog	**8476**
Azerbaijani	**6590**	Guarani	**7178**	Moldavian	**7779**	Tajik	**8471**
Bashkir	**6665**	Gujarati	**7185**	Mongolian	**7778**	Tamil	**8465**
Basque	**6985**	Hausa	**7265**	Nauru	**7865**	Tatar	**8484**
Bengali; Bangla	**6678**	Hebrew	**7387**	Nepali	**7869**	Telugu	**8469**
Bhutani	**6890**	Hindi	**7273**	Norwegian	**7879**	Thai	**8472**
Bihari	**6672**	Hungarian	**7285**	Oriya	**7982**	Tibetan	**6679**
Breton	**6682**	Icelandic	**7383**	Panjabi	**8065**	Tigrinya	**8473**
Bulgarian	**6671**	Indonesian	**7378**	Pashto, Pushto	**8083**	Tonga	**8479**
Burmese	**7789**	Interlingua	**7365**	Persian	**7065**	Turkish	**8482**
Byelorussian	**6669**	Irish	**7165**	Polish	**8076**	Turkmen	**8475**
Cambodian	**7577**	Italian	**7384**	Portuguese	**8084**	Twi	**8487**
Catalan	**6765**	Japanese	**7465**	Quechua	**8185**	Ukrainian	**8575**
Chinese	**9072**	Javanese	**7487**	Rhaeto-Romance	**8277**	Urdu	**8582**
Corsican	**6779**	Kannada	**7578**	Rumanian	**8279**	Uzbek	**8590**
Croatian	**7282**	Kashmiri	**7583**	Russian	**8285**	Vietnamese	**8673**
Czech	**6783**	Kazakh	**7575**	Samoan	**8377**	Volapük	**8679**
Danish	**6865**	Kirghiz	**7589**	Sanskrit	**8365**	Welsh	**6789**
Dutch	**7876**	Korean	**7579**	Scots Gaelic	**7168**	Wolof	**8779**
English	**6978**	Kurdish	**7585**	Serbian	**8382**	Xhosa	**8872**
Esperanto	**6979**	Laothian	**7679**	Serbo-Croatian	**8372**	Yiddish	**7473**
Estonian	**6984**	Latin	**7665**	Shona	**8378**	Yoruba	**8979**
Faroese	**7079**	Latvian, Lettish	**7686**	Sindhi	**8368**	Zulu	**9085**

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AREA CODE

Enter the appropriate code for the initial setting "Area Code".

CODE	Country
AF	Afghanistan
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaidjan
BS	Bahamas
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin
BM	Bermuda
BT	Bhutan
BO	Bolivia
BA	Bosnia-Herzegovina
BW	Botswana
BV	Bouvet Island
BR	Brazil
IO	British Indian Ocean Territory
BN	Brunei Darussalam
BG	Bulgaria
BF	Burkina Faso
BI	Burundi
KH	Cambodia6
CM	Cameroon
CA	Canada
CV	Cape Verde
KY	Cayman Islands
CF	Central African Republic
TD	Chad
CL	Chile
CN	China
CX	Christmas Island
CC	Cocos (Keeling) Islands
CO	Colombia
KM	Comoros
CG	Congo
CK	Cook Islands
CR	Costa Rica
HR	Croatia
CU	Cuba
CY	Cyprus
CZ	Czech Republic
DK	Denmark
DJ	Djibouti
DM	Dominica
DO	Dominican Republic
TP	East Timor
EC	Ecuador
EG	Egypt
SV	El Salvador
GQ	Equatorial Guinea
ER	Eritrea
EE	Estonia
ET	Ethiopia
FK	Falkland Islands
FO	Faroe Islands
FJ	Fiji
FI	Finland
CS	Former Czechoslovakia
SU	Former USSR
FR	France
FX	France (European Territory)
GF	French Guyana
TF	French Southern Territories
GA	Gabon
GM	Gambia
GE	Georgia
DE	Germany
GH	Ghana
GI	Gibraltar
GB	Great Britain
GR	Greece
GL	Greenland
GD	Grenada
GP	Guadeloupe (French)
GU	Guam (USA)
GT	Guatemala
GN	Guinea
GW	Guinea Bissau
GY	Guyana
HT	Haiti
HM	Heard and McDonald Islands
HN	Honduras
HK	Hong Kong
HU	Hungary
IS	Iceland
IN	India
ID	Indonesia
IR	Iran
IQ	Iraq
IE	Ireland
IL	Israel
IT	Italy
CI	Ivory Coast
JM	Jamaica
JP	Japan
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KW	Kuwait
KG	Kyrgyzstan
LA	Laos
LV	Latvia Islands
LB	Lebanon
LS	Lesotho
LR	Liberia
LY	Libya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macau
MK	Macedonia
MG	Madagascar
MW	Malawi
MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta
MH	Marshall Islands
MQ	Martinique (French)
MR	Mauritania
MU	Mauritius
YT	Mayotte
MX	Mexico
FM	Micronesia
MD	Moldavia
MC	Monaco
MN	Mongolia
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands
AN	Netherlands Antilles
NC	New Caledonia (French)
NZ	New Zealand
NI	Nicaragua
NE	Niger
NG	Nigeria
NU	Niue
NF	Norfolk Island
KP	North Korea
MP	Northern Mariana Islands
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PA	Panama
PG	Papua New Guinea
PY	Paraguay
PE	Peru
PH	Philippines
PN	Pitcairn Island
PL	Poland
PF	Polynesia (French)
PT	Portugal
PR	Puerto Rico
QA	Qatar
RE	Reunion (French)
RO	Romania
RU	Russian Federation
RW	Rwanda
GS	S. Georgia & S. Sandwich Isls.
SH	Saint Helena
KN	Saint Kitts & Nevis Anguilla
LC	Saint Lucia
PM	Saint Pierre and Miquelon
ST	Saint Tome and Principe
VC	Saint Vincent & Grenadines
WS	Samoa
SM	San Marino
SA	Saudi Arabia
SN	Senegal
SC	Seychelles
SL	Sierra Leone
SG	Singapore
SK	Slovak Republic
SI	Slovenia
SB	Solomon Islands
SO	Somalia
ZA	South Africa
KR	South Korea
ES	Spain
LK	Sri Lanka
SD	Sudan
SR	Suriname
SJ	Svalbard and Jan Mayen
SZ	Swaziland
SE	Sweden
CH	Switzerland
SY	Syria
TJ	Tadjikistan
TW	Taiwan
TZ	Tanzania
TH	Thailand
TG	Togo
TK	Tokelau
TO	Tonga
TT	Trinidad and Tobago
TN	Tunisia
TR	Turkey
TM	Turkmenistan
TC	Turks and Caicos Islands
TV	Tuvalu
UG	Uganda
UA	Ukraine
AE	United Arab Emirates
UK	United Kingdom
US	United States
UY	Uruguay
UM	USA Minor Outlying Islands
UZ	Uzbekistan
VU	Vanuatu
VA	Vatican City State
VE	Venezuela
VN	Vietnam
VG	Virgin Islands (British)
VI	Virgin Islands (USA)
WF	Wallis and Futuna Islands
EH	Western Sahara
YE	Yemen
YU	Yugoslavia
ZR	Zaire
ZM	Zambia
ZW	Zimbabwe

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TROUBLESHOOTING

CONDITION	POSSIBLE CAUSES	POSSIBLE SOLUTIONS
No power.	• The power cord is disconnected.	• Plug the power cord into the wall outlet securely.
The power is on, but the T 517 does not work.	• No disc is inserted.	• Insert a disc.
No picture.	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV.
	• The video cable is not connected securely.	• Connect the video cable securely.
	• Unit output setting and TV resolution capabilities mismatch.	• Check TV capability.
		• Check mode of connections (eg. S-Video, Component etc.).
		• Check unit Resolution setting according to TV capability.
No sound.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can listen to the sound from the T 517.
	• The power of the equipment connected with the audio cable is turned off.	• Turn on the equipment connected with the audio cable.
	• The AUDIO output settings are incorrect.	• Check audio output settings as configured in the Audio Setup menu.
The T 517 does not start playback.	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type, color system and area code.)
	• The rating level is set.	• Cancel the rating function or change the rating level.
The remote control does not work properly.	• The remote control is not pointed at the remote sensor on the T 517.	• Point the remote control at the remote sensor of the T 517.
	• The remote control is too far from the T 517.	• Operate the remote control closer to the T 517.
	• The remote control batteries are dead.	• Replace the remote control batteries.

NOTES ON DISCS

HANDLING DISCS

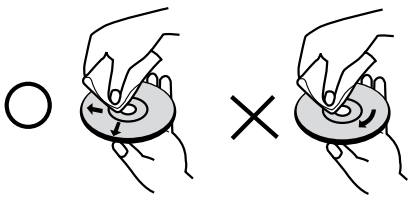
Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.

STORING DISCS

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

CLEANING DISCS

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.



Do not use strong solvents such as alcohol, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

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SYSTEM	
Signal system	NTSC (120 V version only)
	Auto/PAL/NTSC (230V version only)
Laser	Semiconductor laser
Frequency response	±2dB (Ref. 0dB 20Hz - 20kHz CD, DVD)
Signal-to-noise ratio (audio)	>95dB (A-WTD, CD)
	>65dB (A-WTD, DVD)
Signal-to-noise ratio (video)	>60dB (A-WTD, DVD)
Dynamic range (audio)	>95dB (A-WTD, CD)
	>95dB (A-WTD, DVD)
Total Harmonic Distortion	<0.02% (CD, DVD)

OUTPUT	
Video out	1Vp-p/75 ohms
S-Video (Y signal)	1Vp-p/75 ohms
S-Video (C signal)	0.3Vp-p/75 ohms
Component (Y signal)	1Vp-p/75 ohms
Component (Cb/Cr signal)	0.7Vp-p/75 ohms
SCART (RGB signal)	0.7Vp-p/75 ohms (230V version only)
SCART (CVBS signal)	1Vp-p/75 ohms (230V version only)
Audio output level	2.0 Vrms (Ref. 1 kHz, 0 dB)
HDMI version	1.1
Digital out (coaxial)	0.5Vp-p
Digital out (optical)	3Vp-p

GENERAL	
Power requirements	AC 120 V, 60 Hz NTSC Region 1
	AC 230 V, 50 Hz PAL Region 2
Unit Dimension (W x H x D)	435 x 35 x 200 mm (Net)
	435 x 45 x 210 mm (Gross)*
Net weight	1.5kg
Shipping weight	2.9kg

* - Gross dimensions include feet, extended buttons and rear panel terminals.

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Specifications are subject to change without notice. For updated documentation and features, please log onto www.NADelectronics.com for the latest information about T 517.

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